

## ZH-SCE

*Zero halogen heat shrinkable wire identification sleeves*

ZH-SCE identification sleeves are for use in enclosed spaces in marine, mass transit, offshore and industrial installations.

ZH-SCE markers exhibit excellent fire safety characteristics, such as low smoke emissions and evolution of acid gases, and are ideal for use in areas where the hazardous consequences of combustion could cause irreparable damage to equipment.

ZH-SCE has a 2:1 shrink ratio and is printed using Tyco approved printing equipment and ribbons. The printed mark is permanent immediately after printing and remains legible after exposure to abrasion, aggressive cleaning fluids, military fuels and oils.

Supplied in a thin, flat "ladder" format, the sleeves are held horizontally between two hole-punched polyester strips. This configuration feeds directly from the storage box into a Tyco recommended printer. The ladder format provides automatic kitting of the marker sleeves in the desired sequence.

### Features and benefits

- Permanent identification sleeves.
- Computer printable.
- Extremely low smoke and acid gas emission.
- 2:1 shrink ratio.
- Standard side scored for easy application.



### Temperature rating

Operating temperature range	-30°C to +105°C	-22°F to +221°F
Minimum recovery temperature	+120°C	+248°F
Maximum storage temperature	+40°C	+104°F

### Specifications/approvals

Tyco	RW 2030
Military	SAE AS81531 4.6.2 MIL-STD-202F Method 215J
Industry	BS 6853 [1999] – Vehicle Category 1a

### Printer information

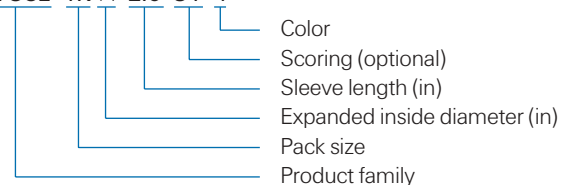
Tyco printer	T312M (thermal transfer)
Tyco ribbon	TMS-RJS-RIBBON-4ZH (thermal transfer)

### Caution

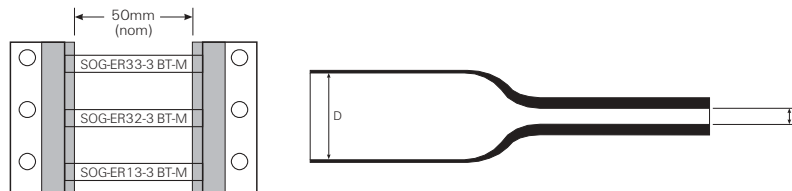
Some types of neoprene insulation used in cable jackets contain additives that can migrate to the surface and discolor the ZH-SCE sleeves. Any discoloration is dependent on the composition of the neoprene, combined with the application conditions. Users should independently evaluate the suitability of ZH-SCE sleeves for applications involving neoprene-jacketed cables. Contact Tyco for assistance and information about alternatives for wire identification.

### Part numbering system

ZH-SCE-1K-1/4-2.0-S1-4



### Ordering information



### Available sizes and formats

Ordering description	Inside diameter					
	D (min) as supplied		d (max) after recovery		Recommended use range	
	mm	inches	mm	inches	mm	inches
ZH-SCE-1K- $\frac{3}{32}$ -2.0- <color>	2.36	0.093	1.17	0.046	1.27 - 1.90	0.050 - 0.075
ZH-SCE-1K- $\frac{1}{8}$ -2.0- <color>	3.18	0.125	1.57	0.062	1.75 - 2.66	0.069 - 0.105
ZH-SCE-1K- $\frac{3}{16}$ -2.0- <color>	4.75	0.187	2.36	0.093	2.54 - 4.06	0.100 - 0.160
ZH-SCE-1K- $\frac{1}{4}$ -2.0- <color>	6.35	0.250	3.18	0.125	3.40 - 5.50	0.134 - 0.217
ZH-SCE-1K- $\frac{3}{8}$ -2.0- <color>	9.53	0.375	4.75	0.187	5.00 - 9.00	0.197 - 0.354
ZH-SCE-1K- $\frac{1}{2}$ -2.0- <color>	12.70	0.500	6.35	0.250	6.99 - 10.79	0.275 - 0.425
ZH-SCE-1K- $\frac{3}{4}$ -2.0- <color>	19.05	0.750	9.53	0.375	9.90 - 15.30	0.390 - 0.602
ZH-SCE-1K-1-2.0- <color>	25.40	1.000	12.70	0.500	13.30 - 23.00	0.524 - 0.906
ZH-SCE-1K-1- $\frac{1}{2}$ -2.0- <color>	38.10	1.500	19.05	0.750	20.00 - 34.00	0.787 - 1.339

Total width as supplied 90.18 mm (3.550 inches) including tape and carrier width.

### Options

Prescoring	Perforated score to produce multiple marker sleeves from each ZH-SCE sleeve.			
	Standard	Side scored		
	Number of prescores	1 prescore	2 prescores	3 prescores
	Code	S1	S2	S3
Package sizes	Standard	1K - 1000 piece packages available for all ZH-SCE sizes		
	Nonstandard	Larger pack sizes are available. Please contact Tyco.		
Colors	Standard	White	Yellow	
	Code	9	4	
	Nonstandard	Red	Green	Blue
	Code	2	5	6

Ordering information: Specify product name, pack size, sleeve size, prescore, format and color.

Ordering example: ZH-SCE-1K- $\frac{1}{4}$ -2.0-S1-9